CAP

MINI CAP – BOLLARD FLANGE BASE

BOLLARD

Unilamp

The CAP range is a fresh range of bollards and low mounted pole lights. Designed from scratch with the latest lighting requirements in mind. The highly efficient LEDs are shielded and emit no upward light. The light engine features great color consistency, excellent color rendering index and dimming options. Specification grade optics make the medium sized version a highly competitive lighting tool for demanding professional lighting tasks. With its compact dimensions the small sized CAP is a smart solution for residential lighting projects. Regardless of size the prewired supply cable, numerous mounting solutions and minimized amount of screws assure a simplified installation process.

Ø156
346
Ø90

Technical Data

CE | IP66 | IK⁰⁸ | TIS | S | SNI
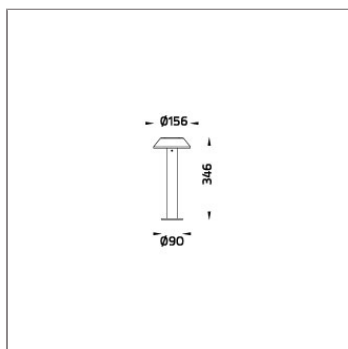
Ordering Code :	7177-0-3-575-XX
Lamp :	LED
CCT :	3000 K
CRI :	CRI >80
SDCM :	SDCM = 3
Lamp Lumen :	780 lm
Luminaire Lumen :	670 lm
Lamp Wattage :	4.8 W
Luminaire Wattage :	7 W
Efficacy :	95 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >60,000 h
Controller :	On-Off
Input Voltage :	220-240Vac 50/60Hz
Net Weight :	1.50 kg.

Ordering code guide

```
           B        D
XXXX-X-X-XXX-XX
     A    C      E
```

A Product Code
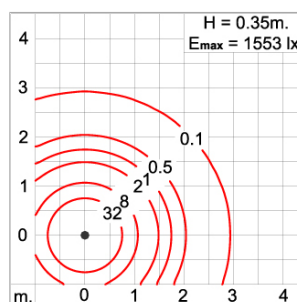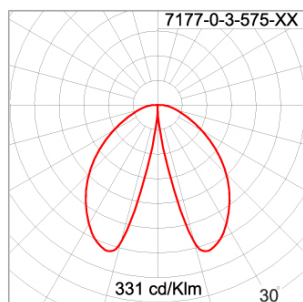B Reflector
C Electrical Component
D Lamp
E Color

IK BODY OPTIC   Icon definition

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Specification

IEC Standard	IEC 60598-1 General Requirement
	IEC 60598-2-1 Fixed Luminaires
Protection	IP66 Class I
IK Rating	Protection against mechanical impact IK08 on body.
Luminaires Body Housing	High-pressure die cast aluminum alloy body and components.
	Extruded aluminum S6063 alloy body with low copper content.
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminiare primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.
Diffuser	Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.
Gasket	Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.
External Screws	External screws are in stainless steel with protection grease.
Cable Entry	Cable entry protected by M16 cable gland. To be used with H05RN-F/ H07RN-F cable with 5-10mm. diameter.
Led	High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material.
Driver	High quality constant current LED driver. Conform to safety standard and electromagnetic compatibility standard.
Internal Wire	Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.
Pre-Wire Cable	Pre-wired with 3x1.0 sqmm. H07RN-F neoprene cable. IMQ approved.
	Equipped with anti-humidity kit.
Caution	Installation work has to be carried on according to the enclosed installation manual.
	The water drainage system must be tested to ensure that it is working sufficiency and efficiency.
Color	Black 01
	Graphite 02
	Dark Grey 03
	Aluminum Silver 04
	White 06

Light Distribution

7177-0-3-575-XX

331 cd/Klm   30

H = 0.35m.
E_{max} = 1553 lx.

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Bug Report
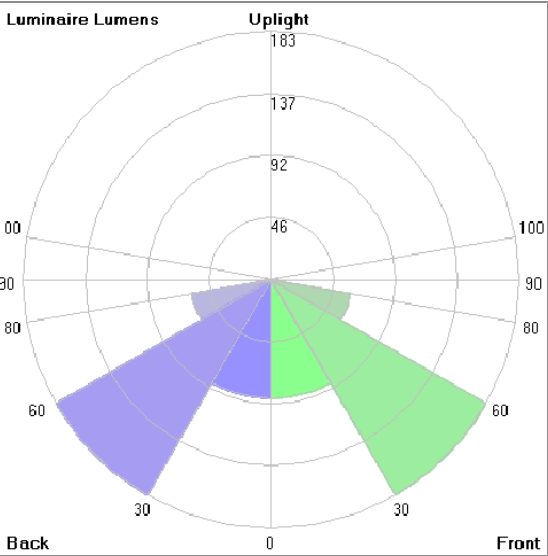
Lum. Classification System [LCS]

LCS	Zone	%Lumens	%Lamp	%Lum
FL	[0-30]	87.4	11.2	13.0
FM	[30-60]	183.2	23.5	27.3
FH	[60-80]	59.4	7.6	8.9
FVH	[80-90]	5.0	0.6	0.7
BL	[0-30]	87.4	11.2	13.0
BM	[30-60]	183.2	23.5	27.3
BH	[60-80]	59.4	7.6	8.9
BVH	[80-90]	5.0	0.6	0.7
UL	[90-100]	< 0.05	0.0	0.0
UH	[100-180]	0.0	0.0	0.0
Total		670.0	85.8	100.0
BUG Rating		B0-U1-G0		

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Accessories

Ordering Code:
AUN-CON-0013-00
IP68 connection device,
cable diameter 7-11.5mm,
On-Off